

FIG. 1

1

08
CCTGGCGGGCAGATGACATCCTGGCCGGCCCCCCCGCGCCTGCTGGACCCCCAGCCCTACCCCGGGGCCCCGGCACACGG
1
TCCTACGTGCACTŢCCAGCCGGCTCGCCCCACTGGTGGGCCCGTCCACACCCCACACCCACACCACCAGGACTTCCAGC
61 240
CONTINUES DE LA CONTRANCA DE LA CARCECTA DE CONTRANTE CONTRANTE CONTRANTE CONTRANTE CONTRANTE CONTRANTE CONTRA
320
AGCAGGCGCGCGCGCGGGGCTGGCCGGCACCTTCCGGGCCTTCCTGTCGTCGCGGCTGCAGGACCTCTACAGCATCGT
121
3CGCCGCGCCGACCGCACCGGGGGGGCCCGTCGTCAACCTCAGGGACGAGGTGCTCTTCCCCAGCTGGGAGGCCTTATTCT
01
:GGGCTCCGAGGCCCAGCTGAAGCCCGGGGCCCGCATCTTCTTTTCGACGGCAGAGATGTCCTGCAGCACCCCCGCCTGG
81 560
CCCGGAAGAGCGTGTGGCACGGCTCCGACCCCAGCGGGCGCCCTGACCGACAGCTACTGCGAGACGTGGCGGACGACGA
640
GCCCCGGCCGCCACCGGGCAGGCGTCGTCGCTGCTGCGGGCAGGCTGCTGGAGCAGGAGGCCGCGAGCTGCCGCCACG
720
CTTCGTGGTGCTCTGCATCGAGAACAGCGTCATGACCTCCTTCTCCAAGTAGGGCCGCGCGCG
21
BAGGGGGCGCCCGCAGGAGCATCCGCCCCCCGGGGGGCCTGGCCGGGACGCTTGCCTGCACGTCACGTTTAATGTAA
829
CCTCAAGAATAAAAGGAAGCCAAAGAG

1	CC	ctg	gcg	ggc	aga	tga	cat	cct	ggc	cgg	ccc	ccc	gcg	cct	gctg	
	P	W	R	Α	D	D	I	L	A	G	P	P	R	L	L	15
46	ga	ccc	cca	gcc	cta	ccc	cgg	ggc	ccc	gca	.cca	.cgg	ctc	cta	cgtg	
	D	P	Q	P	Y	P	G	Α	P	Н	Н	G	S	Y	V	30
91	ca	ctt	cca	gcc	ggc	tcg	ccc	cac	tgg	tgg	gcc	cgt	сса	.cac	ccac	
	Н	F	Q	P	A	R	P	\mathbf{T}	G	G	P	V	Н	${f T}$	Н	45
136	ac	c ca	cac	cca	cca	gga	ctt	cca	gct	ggt	gct	gca	cct	ggt	ggcc	
	T	H	T	H	Q	D	F	Q	L	V	L	H	L	V	A	60
181	ct	gaa	cag	CCC	gca	gcc	ggg	cgg	cat	gcg	agg	cat	ccg	ggg	agcg	
	L	N	S	P	Q	P	G	G	M	R	G	I	R	G	A	75
226	ga	ctt	cca	gtg	ctt	cca	gca	ggc	gcg	cgc	cgc	ggg	gct	ggc	cggc	
	D	F	Q	C	F	Q ·	Q	A	R	A	A	G	L	A	G	90
271	ac	ctt	ccg	ggc	ctt	cct	gtc	gtc	gcg	gct	gca	gga	cct	cta	cagc	
	T	F	R	A	F	L	S	S	R	L	Q	D	L	Y	S	105
316	at	cgt	gcg	ccg	cgc	cga	ccg	cac	cgg	ggt	gcc	cgt	cgt	caa	cctc	
	I	V	R	R	A	D	R	T	G	V	P	V	V	N	L	120
361	ag	gga	cga	ggt	gct	ctt	CCC	cag	ctg	gga	ggc	ctt	att	ctc	gggc	
	R	D	E	V	L	F	P	S	W	E	A	L	F	S	G	135
406	tc	cga	ggg	cca	gct	gaa	gcc	cgg	ggc	ccg	cat	ctt	ctc	ttt	cgac	
	S	E	G	Q	L	K	P	G	A	R	I	F	S	F	D	150
451	gg	cag	agat	tgt	cct	gca	gca	CCC	cgc	ctg	gcc	ccg	gaa	gag	cgtg	
	G	R	D	V	L	Q	H	P	A	W	P	R	K	S	v	165
496	tg	gca	cgg	ctc	cga	CCC	cag	cgg	gcg	ccg	cct	gac	cga	cag	ctac	
	W	H	G	S	D	P	S	G	R	R	L	T	D	S	Y	180
541	tg	cga	gac	gtg	gcg	gac	gga	ggc	ccc	ggc	ggc	cac	cgg	gca	ggcg	
	C	E	T	W	R	T	E	A	P	A	A	T	G	Q	A	195
586	tc	gtc	gct	gct	ggc	ggg	cag	gct	gct	gga	gca	gga	ggc	cgc	gagc	
	S	S	L	L	A	G	R	L	L	E	Q	E	A	A	S	210
631	tg	ccg	cca	cgc	ctt	cgt	ggt	gct	ctg	cat	cga	gaa	cag	cgt	catg	
	C	R	H	A	F	V	v	L	C	I	E	N	S	V	M	225
676	ac	ctc	ctt	ctc	caa	g ta	ggg	ccg	cgc	ggc	cca	cgg	aca	ggc	gggg	
	T	S	F	S	K	*										230
721	ga	ggg	ggc	gcc	cgc	agg	agc.	atc	cgc	cgc	CCC	ggg	ggg	gcc	tggc	
766	cg	gga	cgc	ttg	cct	gca	ccg	tca	cgt	tta	atg	taa	tcc	tca	agaa	
811	at	aaaa	agga	aaq	cca	aaq	ag									

LOMBED TEERSEE

1
CACACCCACCAGGACTTCCAGCTGGTGCTGCTGGTGGCCCTGAACAGCCCGCAGCCGGGCGGCATGCGAGGCATCCG
160
GGGAGCGGACTTCCAGTGCTTCCAGCAGGCGCGCGCGCGGGCTGGCCGGCC
161
TGCAGGACCTCTACAGCATCGTGCGCCGCGCCGACCGCACCGGGGTGCCCGTCGTCAACCTCAGGGACGAGGTGCTCTTC
320
CCCAGCTGGGAGGCCTTATTCTCGGGCTCCGAGGCCCAGCTGAAGCCCGGGGCCCGCATCTTCTTTTCGACGGCAGAGA
321
TGTCCTGCAGCACCCCGCCTGGCCCCGGAAGAGCGTGTGGCACGGCTCCGACCCCAGCGGGCGCCCCTGACCGACAGCT
401
ACTGCGAGACGTGGCGGACGGAGGCCCCGGCCGCCACCGGGCAGGCGTCGTCGCTGCTGGCGGCGAGCTGCTGGAGCAG
481
GAGGCCGCGAGCTGCCGCCACGCCTTCGTGCTGCTCTGCATCGAGAACAGCGTCATGACCTCCTTCTCCAAGTAG

1	cac	cac	cca	cca	gga	ctt	cca	gct	ggt	gct	gca	cct	ggt	ggc	cctg	
	Н	\mathbf{T}	Н	Q	D	F	Q	${f L}$	V	L	Н	L	V	A	L	15
46	aac	cag	CCC	gca	gcc	ggg	cgg	cat	gcg	agg	cat	ccg	ggg	agc	ggac	•
	N	S	P	Q	P	G	G	M	R	G	I	R	G	Α	D	30
91	tto	cca	gtg	ctt	cca	gca	ggc	gcg	cgc	cgc	ggg	gct	ggc	cgg	cacc	
	F	Q	С	F	Q	Q	Α	R	Α	Α	G	L	Α	G	${f T}$	45
136	tto	ccg	ggc	ctt	cċt	gtc	gtc	gcg	gct	gca	gga	cct	cta	cag	catc	
	F	R	Α	F	L	S	S	R	L	Q	D	L	Y	S	I	60
181	gto	gcg	ccg	cgc	cga	ccg	cac	cgg	ggt	gcc	cgt	cgt	caa	cct	cagg	
	V	R	R	Α	D	R	${f T}$	G	V	P	V	V	N	L	R	75
226	gad	ga	ggt	gct	ctt	ccc	cag	ctg	gga	ggc	ctt	att	ctc	ggg	ctcc	
	D	E	V	L	F	P	S	W	\mathbf{E}	А	L	F	S	G	S	90
271	gag	ggg	cca	gct	gaa	gcc	cgg	ggc	ccg	cat	ctt	ctc	ttt	cga	cggc	
	E	G	Q	L	K	P	G	Α	R	I	F	S	F	D	G	105
316	aga	aga	tgt	cct	gca	gca	ccc	cgc	ctg	gcc	ccg	gaa	gag	cgt	gtgg	
	R	D	V	L	Q	Н	P	Α	W	P	R	K	S	V	W	120
361	cac	gg	ctc	cga	CCC	cag	cgg	gcg	ccg	cct	gac	cga	cag	tac	tgc	
	H	G	S	D	P	S	G	R	R	L	${f T}$	D	S	Y	С	135
406	gag	gac	gtg	gcg	gac	gga	ggc	CCC	ggc	ggc	cac	cgg	gca	ggc	gtcg	
	\mathbf{E}	${f T}$	W	R	${f T}$	\mathbf{E}	Α	Р	A	Α	${f T}$	G	Q	Α	S	150
451	tcc	gct	gct	ggc	ggg	cag	gct	gct	gga	gca	gga	ggc	cgc	gag	ctgc	
	S	L	L	Α	G	R	L	L	\mathbf{E}	Q	E	Α	Α	S	С	165
496	cgc	cca	cgc	ctt	cgt	ggt	gct	ctg	cat	cga	gaa	cag	cgt	cat	gacc	
	R	Н	À	F	V	V	L	С	I	E	N	S	V	M	${f T}$	180
541	tcc	ctt	ctc	caa	gta	g										
	S	F	S	K	*,											184

COPERT CERTOR

HTHQDFQ[VLHLVALNSPQF]GGMRGIRGADFQCFQQARAPGLAGTFRAFLSSRLQDLYSI endostatin-ca	endostatin-ca
HVHQDFQPALHLVALNTIPLSGGMRGIRGADFQCFQQARQVGLAGTFRAFLSSRLQDLYSI endostatin-ch	endostatin-ch
HSHRDFQPVLHLVALNSPLSGGMRGIRGADFQCFQQARAVGLAGTFRAFLSSRLQDLYSI endostatin-hu	endostatin-hu
HTHQDFQPVLHLVALNHPLSGGMRGIRGADFQCFQQARAVGLBGTFRAFLSSRLQDLYSI endostatin-mo	endostatin-mo

licken.PRO anine. PRO uman. PRO ouse. PRO

VRRADRTAVPIVNIRDEVLFSNWEALFIGSEAPIRAGARILSFDGRDILODSAWPOKSLW VRRADRAAVPIVNIKDEILFPSWEALFSGSEGPLKPGARIFSFDGRDVLRHPIIWPOKSVW VRRADRTGVPWVNLRDEVLFPSWEALFSGSEGQLKPGARIFSFDGRDVLQHPAWPRKSVW 61

endostatin-chicken.PRO endostatin-canine.PRO endostatin-human. PRO endostatin-mouse.PRO

VRRADRGSVPIVNLKDEVISPSWDSLFSGSQGQLQPGARIFSFDGRDVLRHPAWPQKSVW

endostatin-chicken.PRO endostatin-canine.PRO endostatin-human.PRO

endostatin-mouse.PRO

HGSDPSGRRLTDSYCETWRTEAPATGQASSLLAGRLLEQEAASCRHAFVVLCIENSVMT HGSDAKGRRLEESYCEAWRTDERGTSGQASSLSSGKLLEQSASSCQHAFVVLCIENSFMT HGSDPNGRRLTESYCETWRTEAPSATGQASSLLGGRLLGQSAASCHHAYIVLCIENSFMT HGSDPSGRRIMESYCETWRTETTGATGQASSLLSGRLLEQKAASCHNSYIVLCIENSFMT

endostatin-chicken.PRO endostatin-canine.PRO endostatin-mouse.PRO endostatin-human.PRO

181

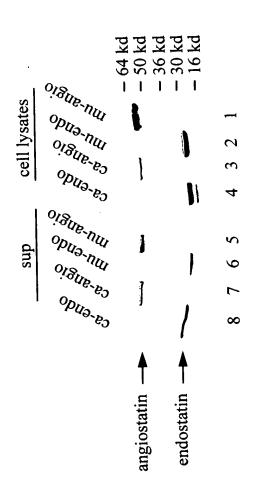
181 181

181

ca-endo mu-endo ca-angio mu-angio

FIG. 7

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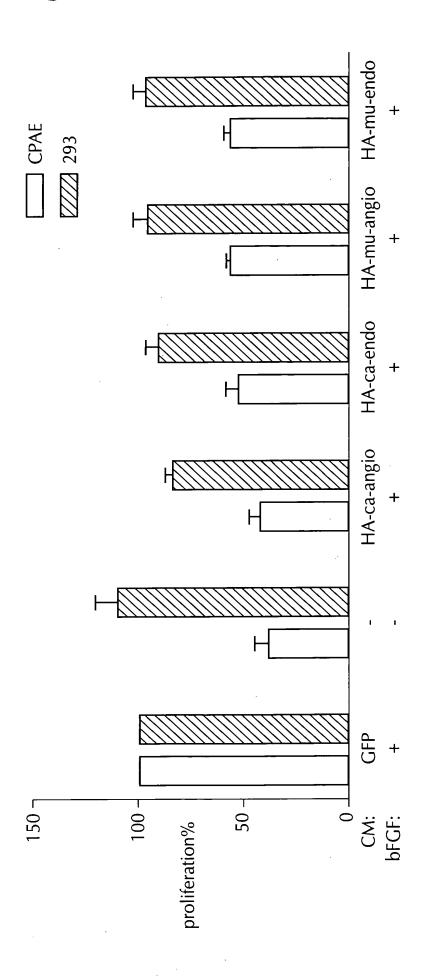


FIG. 9

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